

Computing Systems Services Technical Bulletin

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New Versions of FSE/DSM and TSO Superset Utilities

On September 14, 1987, version 4.1 of TSO Superset Utilities and version 3.0 of FSE+ will be placed into production. Attached is a summary of the changes and enhancements for these new releases. Documentation is available from the Division Librarian, Elaine Oaks at 533-6393.

If you have any questions about these products, or if you would like to test the new versions prior to the production date, please contact Sandy Neat at 533-7963.

Enhancements and Changes—FSE+ Version 3.0

General

1. An FSE+ 3.0 quick reference card has been developed and is available through through the Division Librarian.
2. Product documentation has been improved.
3. The SNAPSHOT subcommand has been changed to generate a listing of the entire display. The "Screen snapshot taken" message appears in the message area of the top screen. Previous versions generated a listing for the screen in which the SNAPSHOT subcommand was entered.
4. The 3290 display terminal is now supported.

Edit

1. Files with an LRECL up to 32760 are now supported.
2. Lines modified by the CHANGE subcommand may now be verified. When verify is on, "..ALT." is placed in the line number field of changed lines. "..ALT." is removed when the line is edited or when RESET ALT is executed.
3. PDS member ISPF statistics are retained.

4. The "X" and "XX" line number subcommands have been added to allow the exclusion of lines.
5. An optional input menu has been added to FIND and CHANGE. When a "?" is entered as the operand, a full-screen input menu is displayed.
6. The following EDIT subcommands have been added or improved:

AUTOSAVE Automatically saves data set after "n" changes.

CHANGE COL operand has been added. Optional input menu has been added.

COL AUTO operand adjusts display after a FIND.

DROP Cancels previously equated names.

EQUATE Equates current line to a specified name.

FIND ALL operand has been added. Optional input menu has been added.

INSERT Inserts a line into the edit work file.

MD Accepts equated names as an operand.

RCHANGE Repeats previous change.

REPLACE Replaces a line in the edit work file.

RESET SUBSET operand re-displays excluded lines. ALT operand removes "..ALT." from verified lines.

RFIND Repeats previous find.

VERIFY Allows for the verification of changes.

DSM

1. The Prefix input field has been changed to conform to the standard TSO naming conventons.
2. The COPY and PRINT menus have been enhanced.
3. The load module member manager displays the entry point and module length rather than the NE, DC, and PAGE attributes.

4. Installation-defined ISPF subcommands for invoking ISPF edit and browse have been added.
5. Changes to the Prefix input field are processed "before" primary subcommands.
6. The following subcommands have been added or improved:

?	Available from the member manager.
??	Available as a primary subcommand and may be invoked as a member subcommand for load modules.
ALAS	Establishes an alias name for a PDS member. Available from the member manager.
COMPRESS	Available as a primary subcommand.
DEFINE	Defines parameters and options.
FIND	Supports new operators for any DSM displayed data.
HIST	Displays the IDRDATA for a load module.
MAP	Displays the link-map of a load module.
PRINT *	Prints a list of displayed data sets or PDS members.
RLSE	Available as a primary subcommand.
RESET	The following options have been added: XX, SUBSET, ?, MSGS and ALL.

LIST

1. A job status menu allows the selection of a job when more than one job exists.
2. An index menu allows the selection of individual sysout data sets from within a job.
3. The SAVE subcommand has been added. SAVE allows the entire job or a specific sysout data set to be saved to a data set.
4. The AUTO operand has been added to the COL subcommand.
5. The ? operand of the EQUATE subcommand displays all equated names.

Enhancements and Changes—TSO Superset Utilities Version 4.1

1. User's Guide has been improved.
2. The 3290 display station is supported in native mode.
3. The COMPARE command will compare records of unequal length. If no differences are found, a message is issued indicating that the comparison field lengths are unequal.
4. The COPY command provides a full-screen menu of all input parameters. The menu is displayed when the "from" and "to" data set names are not specified with the command.
5. The COPY command informs the TSO user when no data is copied due to a NOREPLACE request when all members of the input data set exist in the output data set.
6. The ASCII keyword operand has been extended to enable COPY to convert data from EBCDIC to ASCII for any copy operation. The EBCDIC keyword operand has been added to provide ASCII to EBCDIC conversion.
7. The RESET/NORESET keywords have been added to the FORMAT command. The keywords control the status of FORMAT control word values between data sets when processing multiple files.
8. FORMAT issues an error message when it finds a word length greater than the output line length.
9. When the FORMAT input and print data sets are PDS's and no member name is specified for the print data set, the member name of the input data set is used.

Example: `FORMAT MEMO(ABC) PRINT(MEMO PS)`

The document is placed in "USERID.MEMO.LIST(ABC)".

10. The SUBCMDS keyword and subcommand have been added to the FSHELP command.
11. A full-screen subcommand selection menu is displayed when HELP is executed as a subcommand.
12. The AUTO keyword operand has been added to the COL subcommand of LIST, LISTDDN and LISTJES. COL AUTO instructs the commands to automatically adjust the display window when the FIND subcommand locates data outside the current window.
13. When LISTJES is processing a job, additional LISTJES sessions for the same TSO user cannot process jobs. Additional LISTJES sessions may be activated for job status display.

14. INDEX has been added as a LISTJES operand. INDEX displays a menu of the job's sysout files.